			PT Bor'NETTP THE KITT 2006							
	890 (Modified) U.S. PATENT AND TRADEMARI BMITTAL LETTER TO TH	293000US40PCT								
DESIG	NATED/ELECTED OFFI	U.S. APPLICATION NQ. (If known, see 37 CFR 1.5)								
CONC	ERNING A SUBMISSION	10/588//4								
	TONAL APPLICATION NO. 205/11399	INTERNATIONAL FILING DATE June 15, 2005	PRIORITY DATE CLAIMED June 15, 2004 earliest							
TITLE OF	NVENTION	June 10, 2005	duric 10, 2004 carried							
HEAT I	EXCHANGER									
APPLICAN	IT(S) FOR DO/EO/US									
Shigeh	aru ICHIYANAGI, et al.									
			he following items and other information:							
	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2. 🔲 1	his is a SECOND or SUBSEQUENT	submission of items concerning a submis	ssion under 35 U.S.C. 371.							
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.									
4.	he US has been elected (Article 31).									
5. A	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
	a. is attached hereto (required only if not communicated by the International Bureau).									
	has been communicated by									
		cation was filed in the United States Rece	, , ,							
6 <i>A</i>	In English language translation of the	International Application as filed (35 U.S.	.C. 371(c)(2)).							
а	a. is attached hereto.									
b	has been previously submitt	ted under 35 U.S.C. 154(d)(4).								
7. F	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))									
а	. are attached hereto (require	d only if not communicated by the Interna	ational Bureau).							
b	have been communicated b	y the International Bureau.								
c	. have not been made; however	er, the time limit for making such amend	ments has NOT expired.							
d	. have not been made and wi	ll not be made.	,							
8. 🔲 A	n English language translation of the	amendments to the claims under PCT Ar	rticle 19 (35 U.S.C. 371(c)(3)).							
9. A	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
a	If the declaration is in a lang translation is accurate (37 C		is accompanied by an English translation. The							
	n English language translation of the 71 (c)(5)).	annexes of the International Preliminary	Examination Report under PCT Article 36 (35 U.S.C.							
11. A	copy of the International Preliminary	Examination Report (PCT/IPEA/409).								
12. A	copy of the International Search Rep	oort (PCT/ISA/210).								
Items '	13 to 23 below concern document(s	s) or information included:								
13. A	n Information Disclosure Statement u									
a	_	eferences (2) c. Statement of Re								
		 A separate cover sheet in compliance v 	vith 37 CFR 3.28 and 3.31 is included.							
15. A	FIRST preliminary amendment.									
	SECOND or SUBSEQUENT prelimin	•								
17. A	n Application Data Sheet under 37 Cl	FR 1.76.								
18 A	substitute specification.									
=	power of attorney and/or change of a									
_		ence listing in accordance with PCT Rule								
21. 🔲 A	second copy of the published Interna	ational Application under 35 U.S.C. 154(d	9)(4).							
22. 🔲 A	second copy of the English language	translation of the International Application	on under 35 U.S.C. 154(d)(4).							
23. C	Other items or information: Notice of Priority (2)/PCT/IB/304									

IAP11 Rec'd PCT/PTO 08 AUG 2006

U.S. APPLICATION N	8 7 7 4	PCT/JP05/	11399	293000US40PC				
The following fees		1 0 1701 007	11000	CALCULATIONS	PTO USE ONLY			
24. Basic natio	nal fee		\$300	\$300.00				
25. Examination			- <u></u> -	\$300.00				
If the written opinion p prepared by IPEA/l	repared by ISA/US or the JS indicates all claims sa	ł						
prepared by IPEA/U Search fee (37 CFR 1 as an International International Search R or previously comm	f the ISA/US or the Intern JS indicates all claims sat .445(a)(2)) has been paid Searching Authority teport prepared by an ISA nunicated to the US by the							
TOTAL OF	24, 25 AND 26 =			\$900.00				
sequence listing	r specification and drawin or computer program list dditional 50 sheets of pap	ing filed in an electronic						
	ra Sheets Number	of each additional 50 or reof (round up to a who	RATE					
- 100 =	/ 50 =	'	x \$250.00	\$				
	30.00 for furnishing any o			e e				
Or declaration at	ter the date of commence NUMBER FILED	NUMBER EXTRA	RATE	\$				
Total claims	11 - 20 =	0	x \$50.00	\$0.00				
Independent claims	1 - 3=	0	x \$200.00	\$0.00				
MULTIPLE DEPENDE	NT CLAIMS (if applicable	e)	+ \$360.00	\$				
		TAL OF ABOVE C		\$900.00				
Applicant claims	small entity status. See			4000.00				
			SUBTOTAL =	\$900.00				
	of \$130.00 for furnishing to claimed priority date (37		ter than 30 months	\$				
			IATIONAL FEE =	\$900.00				
Fee for recording accompanied by	g the enclosed assignmer an appropriate cover she	nt (37 CFR 1.21(h)). The eet (37 CFR 3.28, 3.31).	assignment must be \$40.00 per property +	\$				
	1,500.00 for Petition to Re			\$				
		TOTAL FEE	S ENCLOSED =	\$900.00				
				Amount to be refunded:	•			
	<u> </u>	<u></u>		Amount to be	\$			
				charged:	\$			
a. A check in the	e amount of \$ to cov	er the above fees is en	closed.					
b Please charge	e my Deposit Account No.	15-0030 in the amount	of \$ to cover the	e above fees.				
c. The Director is No. <u>15-0030</u> .	s hereby authorized to char A duplicate copy of this s	arge any additional fees heet is enclosed.	which may be required	d, or credit any overpayme	nt to Deposit Account			
d. Fees are to be be included of	e charged to a credit card on this form. Provide cre	. WARNING: Information and	on on this form may be authorization on PTO-	come public. Credit card in 2038.	nformation should not			
NOTE: Where an ap	propriate time limit unde estore the International	er 37 CFR 1.495 has ne Application to pendin	ot been met, a petitioi g status.	n to revive (37 CFR 1.137	(a) or (b)) must be			
SEND ALL CORRESP	ONDCE TO:							
CUSTOMER N	UMBER		SIGNATURE	fuurch for	tos			
22850			Richard D. Ke		r Sachar			
Tel. (703) 413-3000)	NAME 27,757	Registration	1 No. 34,423				
Fax. (703) 413-222 (OSMMN 1/06)	20	JMBER						

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PCT/US1/REV06

10/588774IAP11 Rec'd PCT/PTO 08 AUG 2006

Docket No. 293000US40PCT

IN RE APPLICATION OF: Shigeharu ICHIYANAGI, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/JP05/11399

FILED:

Herewith

FOR:

HEAT EXCHANGER

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- Additional documents filed herewith:

PCT Transmittal Letter/Application Data Sheet/Notice of Priority (2)/Declaration

Preliminary Amendment/PCT/IB/304/Information Disclosure Statement/PTO-1449

International Search Report/References Cited (2)

Credit Card Payment Form for \$900.00

International Preliminary Report on Patentability

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS		RATE		CALCULATIONS
TOTAL	11	MINUS	20	0	x	\$50	=	\$0.00
INDEPENDENT	1	MINUS	3	0	х	\$200	=	\$0.00
		☐ MULTIPLE DEPENDENT CLAIMS + \$360 =						\$0.00
e de la companya de l		TOTAL OF ABOVE CALCULATIONS						\$0.00
		☐ Reduction by 50% for filing by Small Entity					\$0.00	
		TOTAL						\$0.00

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- ☐ Credit card payment form is attached to cover the fees in the amount of **§0.00**
- Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

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